






PROCESS FOR PRODUCING ZINC PHOSPHATE COATINGS CONTAINING MANGANESE AND MAGNESIUM

Patent number: WO9015889
Publication date: 1990-12-27
Inventor: RIESOP JOERG (DE); GOTTWALD KARL-HEINZ (DE);
ROLAND WOLF-ACHIM (DE)
Applicant: HENKEL KGAA (DE)
Classification:
- international: C23C22/18; C23C22/36; C23C22/05; (IPC1-7):
C23C22/18; C23C22/36
- european: C23C22/18H; C23C22/36H
Application number: WO1990EP00919 19900612
Priority number(s): DE19893920296 19890621

Also published as:

 EP0478648 (A1)
 US5207840 (A1)
 DE3920296 (A1)
 BR9007437 (A)
 EP0478648 (B1)

more >>

Cited documents:

 US4717431
 US4681641
 EP0287133

Report a data error here

Abstract of WO9015889

The invention relates to a process for producing zinc phosphate coatings containing manganese and magnesium on steel, zinc, aluminium and/or its alloys by spraying with, or spray immersion and/or immersion in, an aqueous solution.

Data supplied from the **esp@cenet** database - Worldwide